

Rocker Panel Molding Ground Lamp Package Installation

Installation Instructions Part Number

85155374

Kit Contents

QTY	Description
2	Rocker Moulding Ground Lamp
1	Installation Instructions

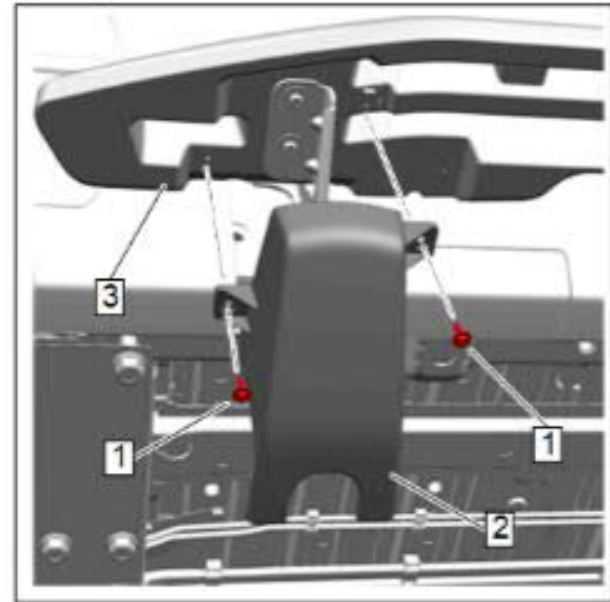
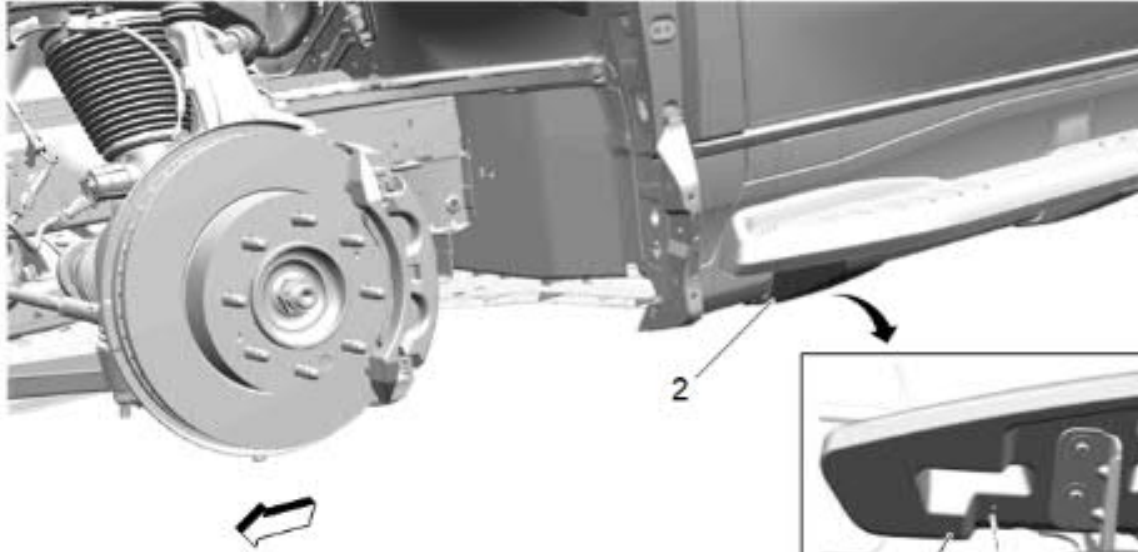
Procedure

Note: MY2025 VEHICLES MUST HAVE VESCOM 27.10 OR LATER TO FUNCTION.

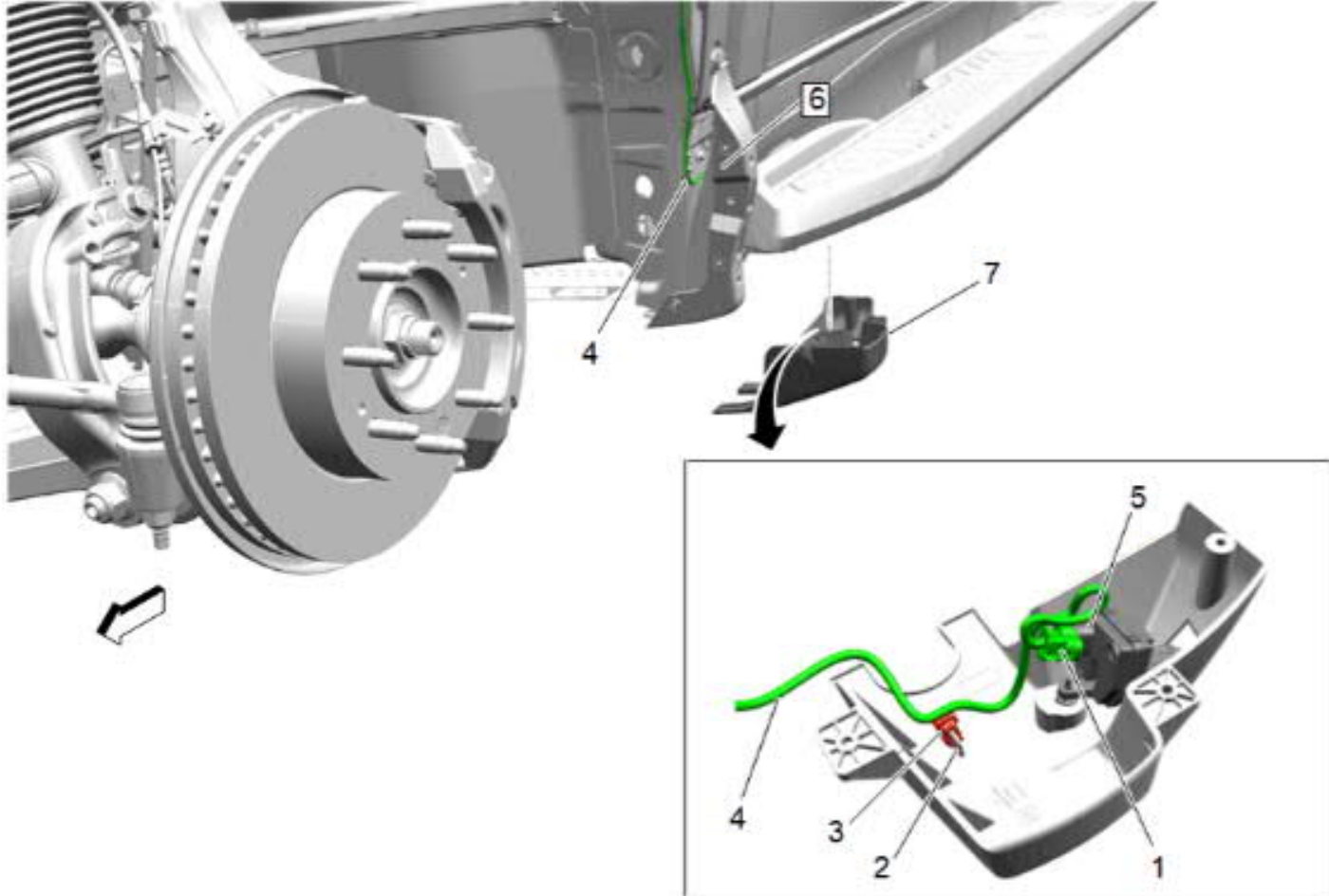
Note: Left side lamp installation is shown in the following steps. Right side similar. Marking on the lamps indicate "LH" or "RH".

Warning: Always ensure the Battery Maintenance Mode is inactive before disconnecting the low voltage 12 volt battery (or batteries). This mode can be active with the ignition off, regardless of whether the vehicle charging cord is plugged in or not. When this mode is active, the on-board high voltage battery charger(s) will energize the 12 volt battery cables and charge the 12 volt battery (or batteries). Disconnecting any battery cables while this mode is active may result in an electrical shock or a burn from hot battery cable leads.

1. Check the 12 volt battery voltage with a digital multimeter before disconnecting any battery cables leads. If the voltage is 13.5 volts or above, the Battery Maintenance Mode is active. The technician must wait for the T18 battery charger to deactivate before disconnecting the battery negative cable. Refer to [Charging System Description and Operation](#) in Vehicle Service Manual.
2. Disconnect the 12 volt negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) in Vehicle Service Manual.
3. Remove the left and right front rear wheelhouse liners. Refer to [Front Wheelhouse Rear Liner Replacement](#) in Vehicle Service Manual.
4. Remove the front wheel and tire assemblies. Refer to [Tire and Wheel Removal and Installation](#) in Vehicle Service Manual.



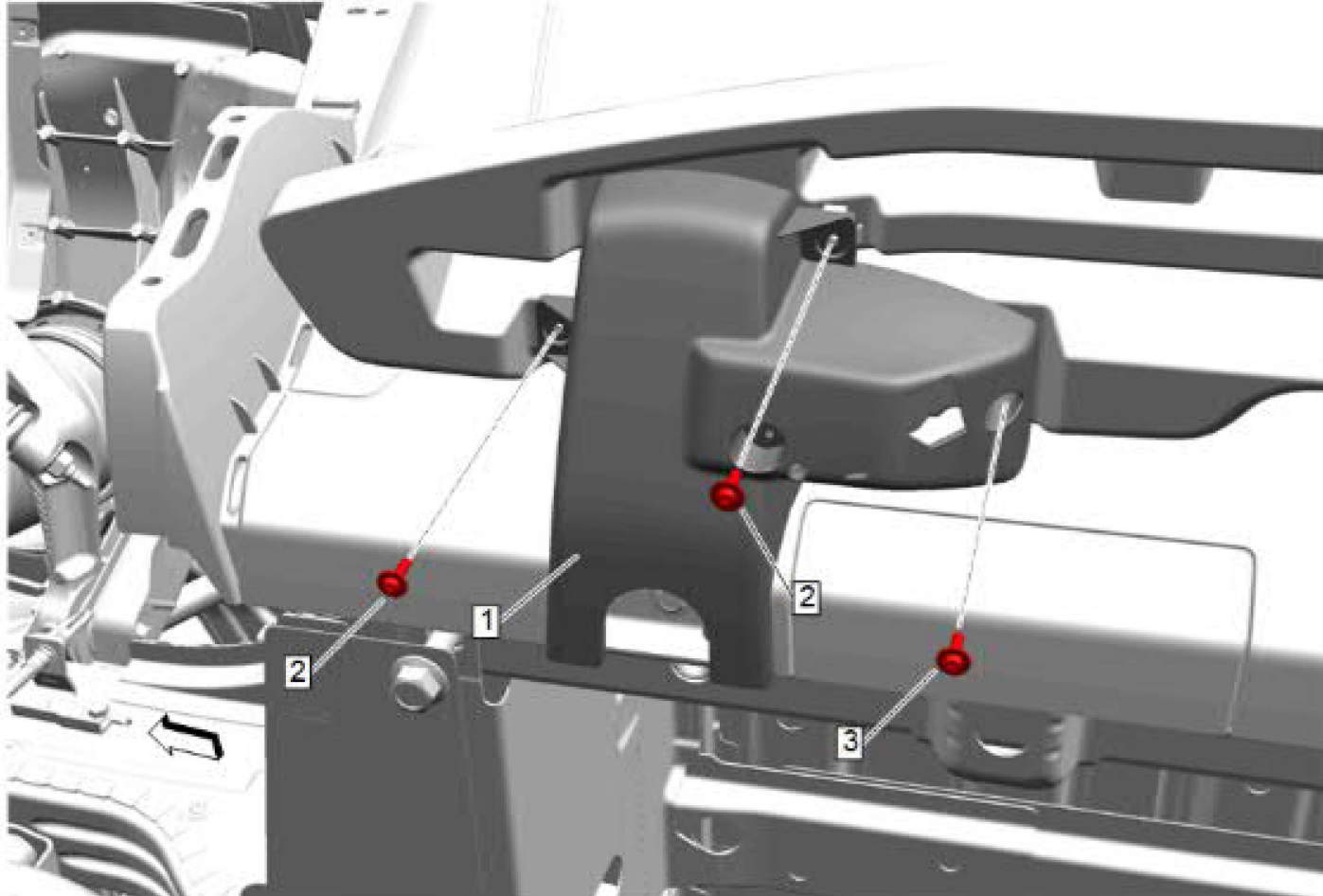
5. Remove the screws (1) and the front assist step bracket cover (2) from assist step (3).
6. Inspect inside the front rocker area for dirt, debris, water, etc. Clean the area in preparation for the next step.



Note: Assembly marked "LH" (Drivers Side) or "RH" (Passenger Side).

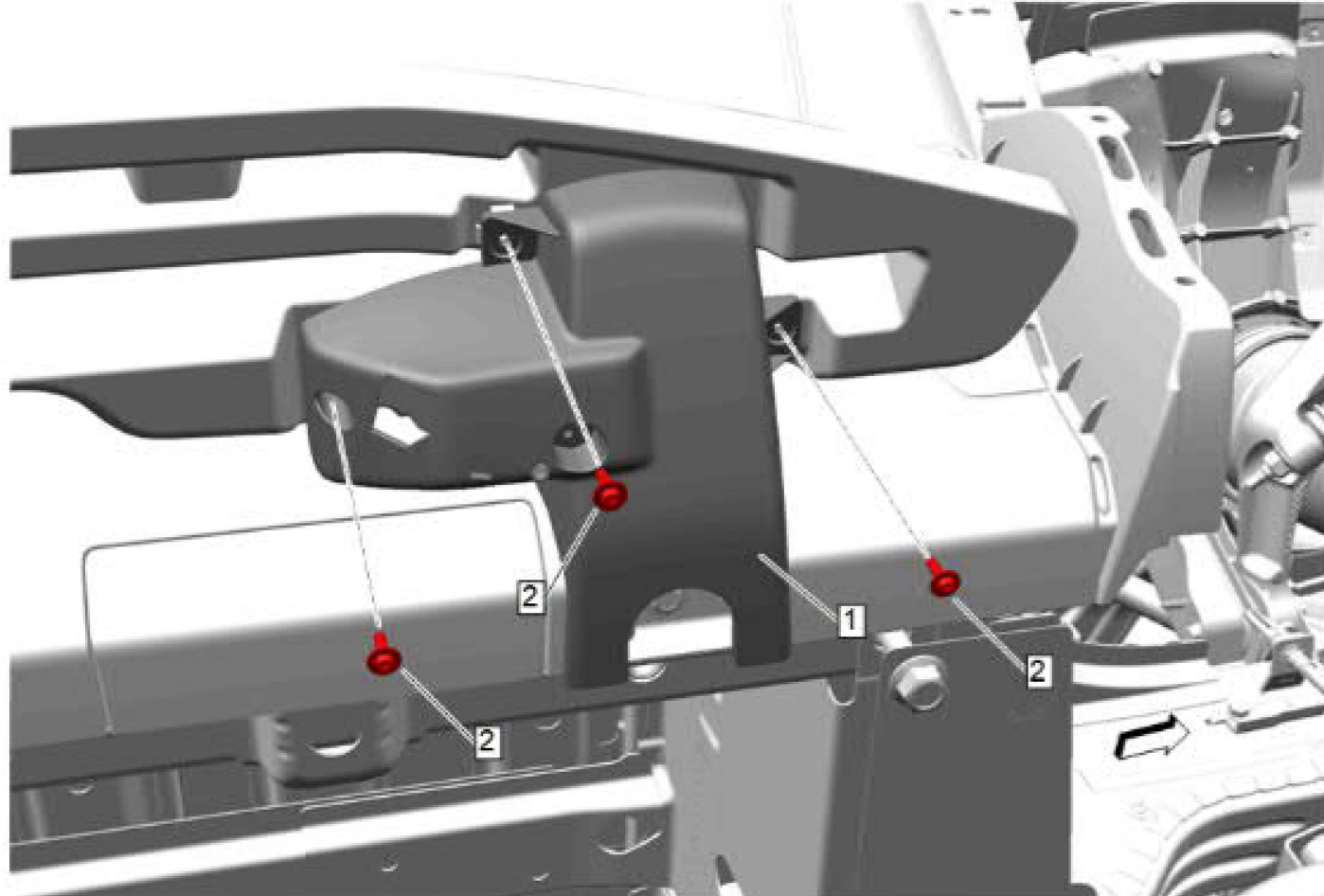
Note: Be careful not to pinch harness against any sheet metal edges.

7. Locate provided specific side lamp harness and route the lamp harness (4) between stone guard structure (6) and vehicle body pulling harness through below assist step.
8. Identify the lamp assembly (7) for each side by checking markings on the lamp body.
Note: There are two different size edge clips included in the kit.
9. Connect the harness connector (1) to the rocker lamp (5).
10. Install a small size edge clip (3) in the location shown (2).
11. Lift the lamp assembly (7) up into the assist step, making sure to pull harness through (4) while positioning lamp assembly (7)
12. Repeat steps 5 through 11 for opposite side.



Caution: Use the correct fastener in the correct location. Replacement fasteners must be the correct part number for that application. Fasteners requiring replacement or fasteners requiring the use of thread locking compound or sealant are identified in the service procedure. Do not use paints, lubricants, or corrosion inhibitors on fasteners or fastener joint surfaces unless specified. These coatings affect fastener torque and joint clamping force and may damage the fastener. Use the correct tightening sequence and specifications when installing fasteners in order to avoid damage to parts and systems.

13. **Driver Side:** While holding the lamp assembly (1) in place, insert and engage the threads of the self tapping screws (2) into the existing holes. Insert other self tapping screw (3) to lamp assembly creating new hole. Ensure assembly is seated all around.
14. While holding lamp assembly tighten the self tapping screw to **2.5 N.m (22 lb in)**.



15. **Passenger Side:** While holding the lamp assembly (1) in place, insert and engage the threads of the self tapping screws (2) into the lamp creating new holes. Ensure assembly is seated all around.

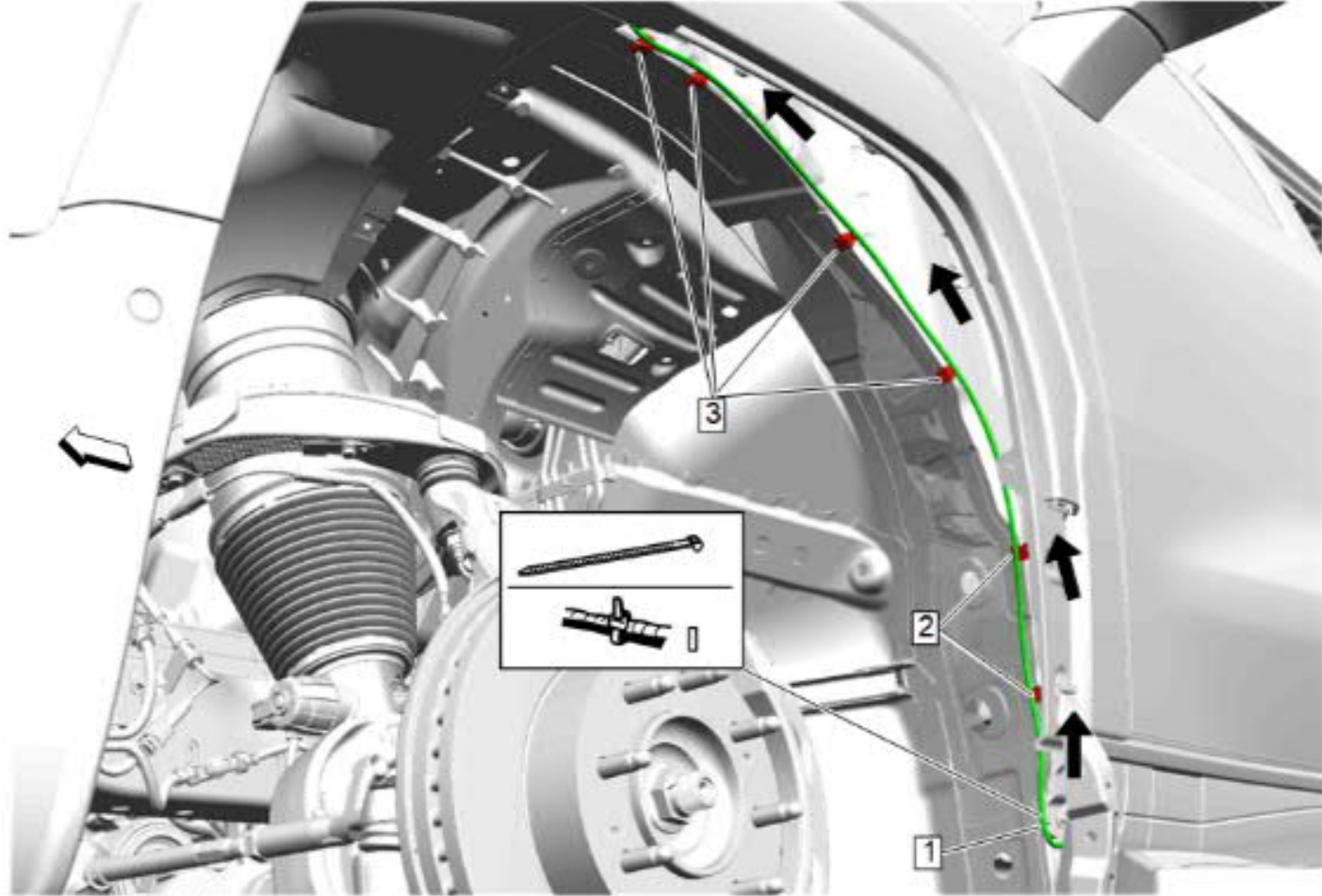
16. While holding lamp assembly tighten the self tapping screws to **2.5 N.m (22 lb in)**.

[Electrical Wiring Harness Installation Procedure](#)

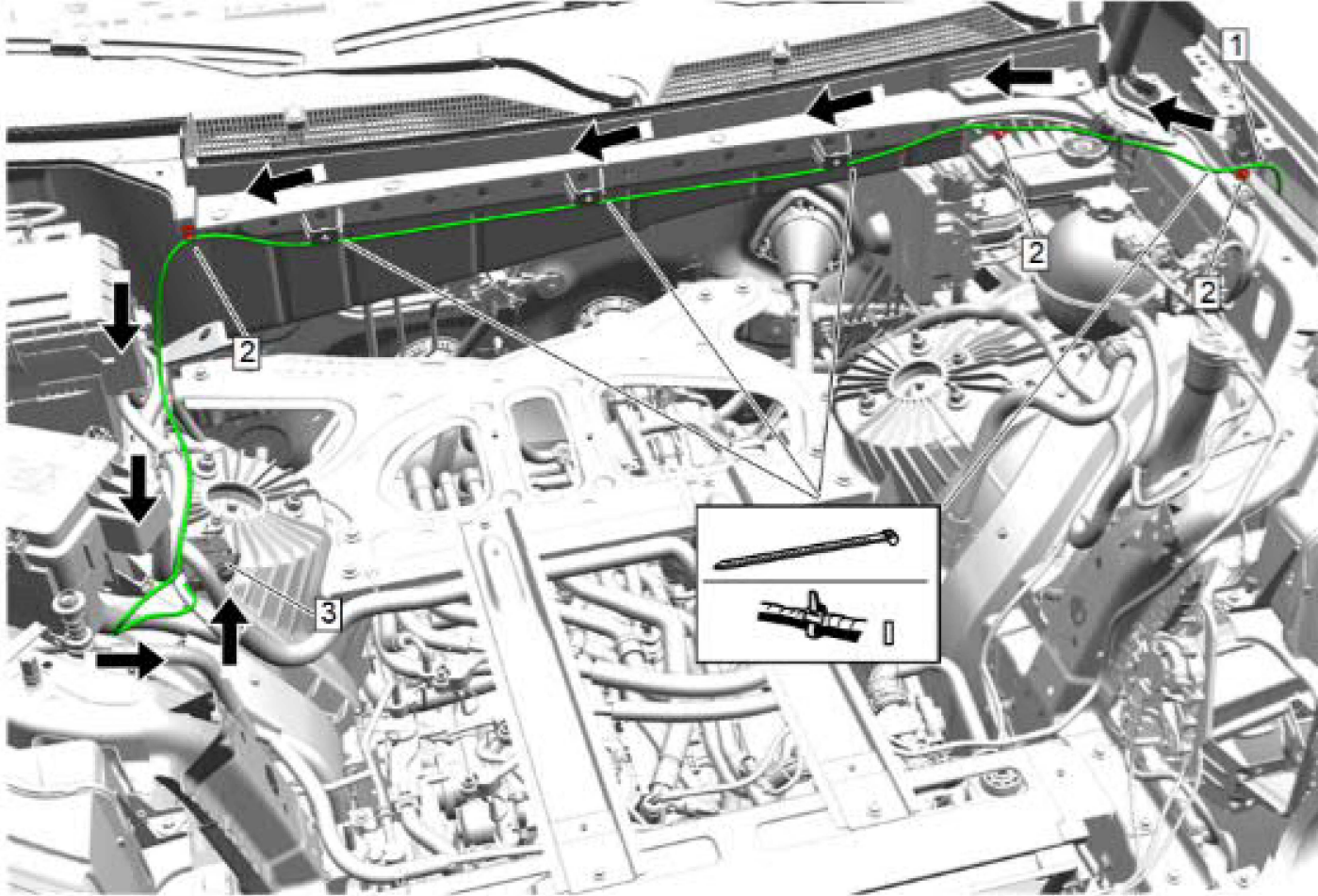
Driver Side Lamp Harness

1. Remove the Front Trim Finish Compartment. Refer to [Front Trim Finish Compartment Removal and Installation](#) in Vehicle Service Manual.

Note: There are two different size edge clips included in the kit.



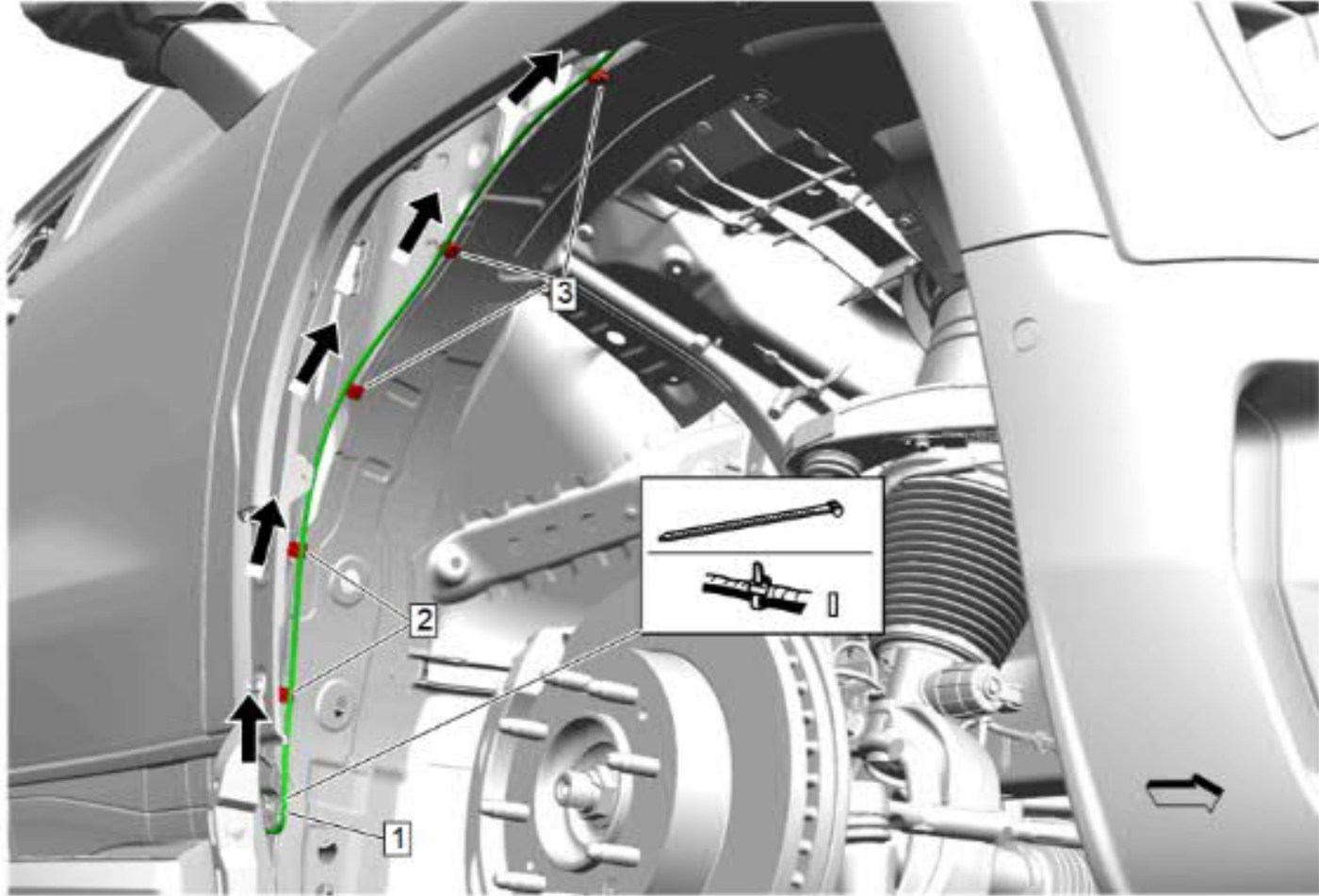
2. Route the rocker lamp wiring harness (1) up through the wheel well into the front compartment as shown. Notch sealant in wheel well area as needed to install edge clips.
3. Install a large size edge clip (2) in the locations shown.
4. Install a small size edge clip (3) in the locations shown.
5. Use the included tie straps to secure the wiring harness as shown. Trim excess off tie straps.



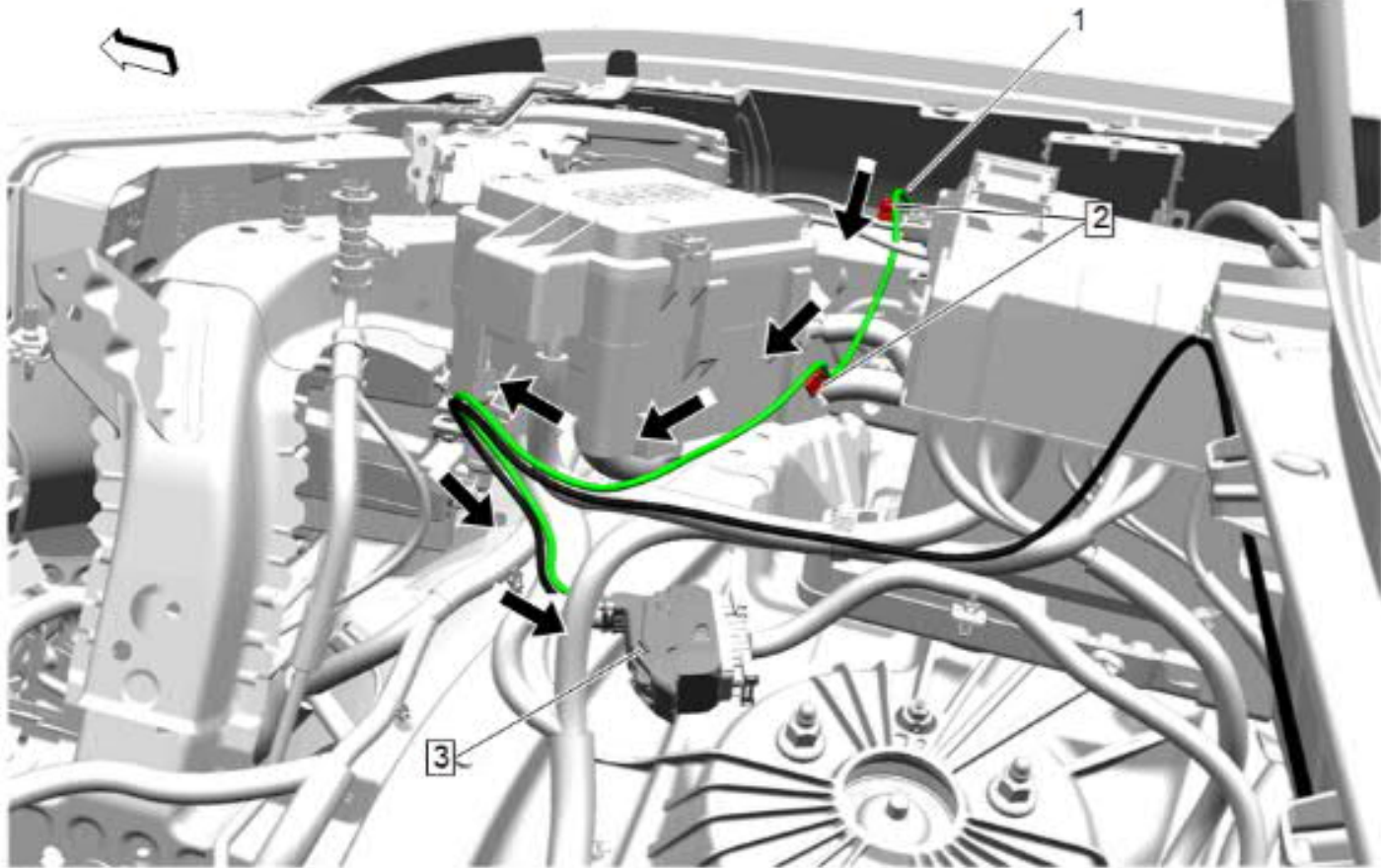
6. Continue to route the wiring harness (1) from the wheel well area over the rail into the engine bay along the front plenum towards passenger side to body wiring harness to engine wiring harness connector X403 (3).
7. Install the small size edge clips (2) in the locations shown.
8. Use the included tie straps to secure the wiring harness to front plenum as shown. Trim excess off tie straps.

Passenger Side Lamp Harness

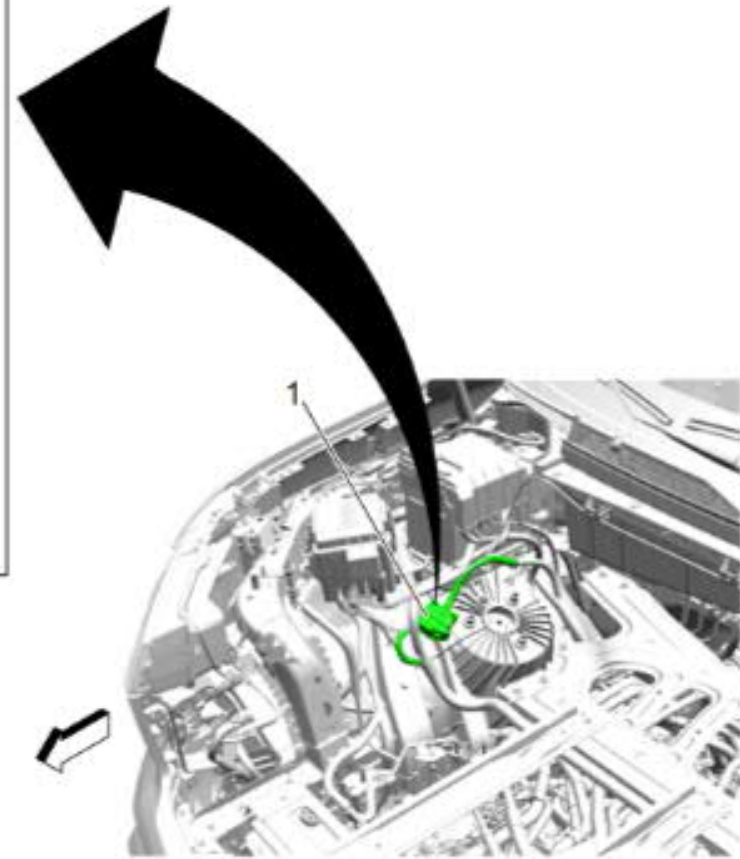
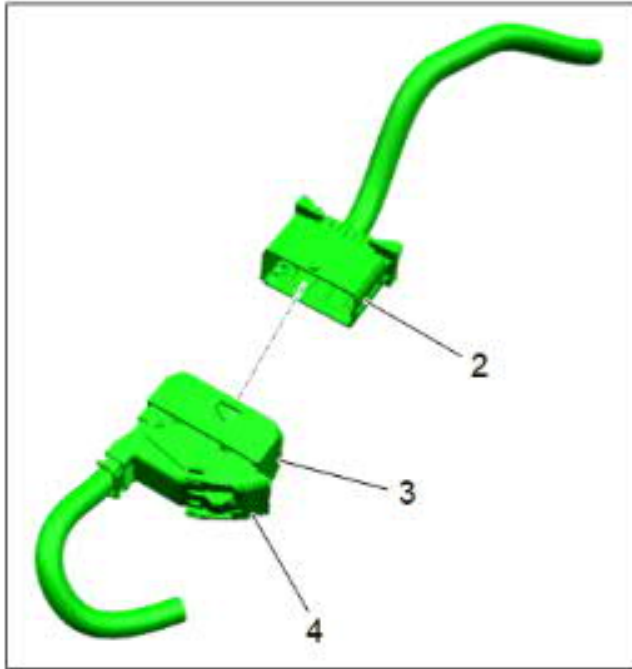
Note: There are two different size edge clips included in the kit.



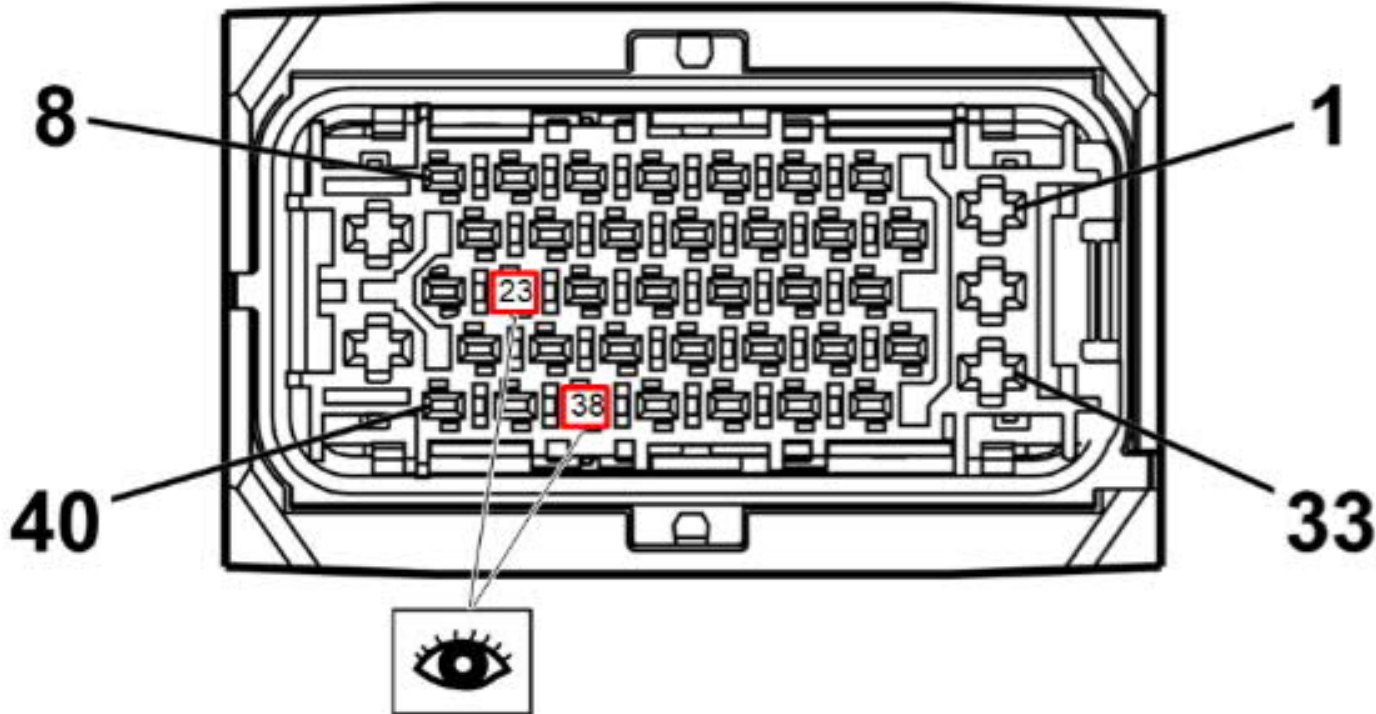
1. Route the rocker lamp wiring harness (1) up through the wheel well into the front compartment as shown. Notch sealant in wheel well area as needed to install edge clips.
2. Install a large size edge clip (2) in the locations shown.
3. Install a small size edge clip (3) in the locations shown.
4. Use the included tie straps to secure the wiring harness as shown. Trim excess off tie straps.



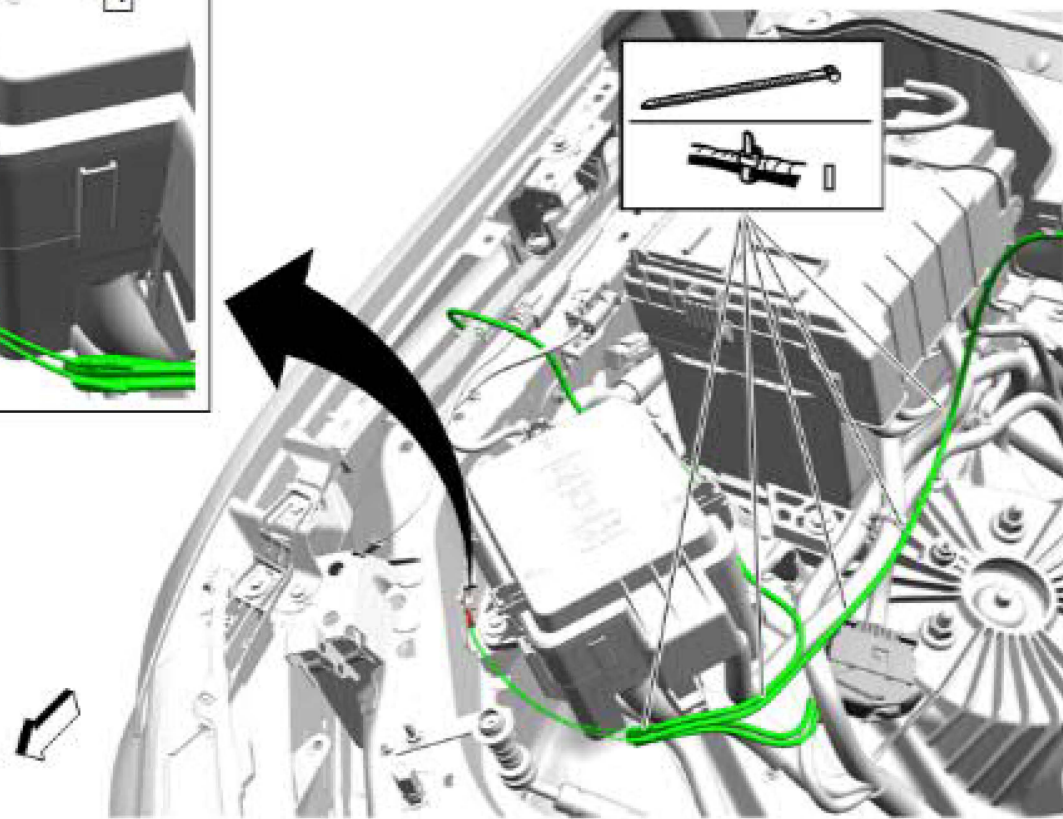
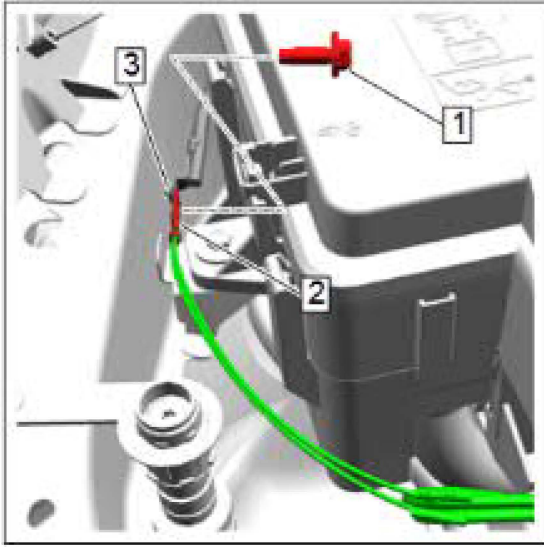
5. Continue to route the wiring harness (1) from the wheel well area over the rail into the engine bay between the battery and fuse block to body wiring harness to engine wiring harness connector X403 (3).
6. Install the small size edge clip (2) in the location shown.



7. Locate connector X403 body wiring harness to engine wiring harness (1) and disconnect the connector from the retention clip.
8. Disconnect X403 body harness connector (2) from the engine harness connector (3). Refer to [Inline Harness Connector End Views](#) in Vehicle Service Manual for connector disconnection.
9. Remove the dress cover (4) from the engine wiring harness connector (3).



10. Remove connector TPA from engine harness connector X403, disengage connector lock and remove cavity plugs from cavity 23 and 38 on the engine harness connector. Refer to [Inline Harness Connector End Views](#) in Vehicle Service Manual for connector disconnection and disassembly.
11. Insert terminal from driver side rocker lamp harness in to cavity 23 of engine harness connector X403, make sure terminal is inserted fully.
12. Insert terminal from passenger side rocker lamp harness in to cavity 38 of engine harness connector X403, make sure terminal is inserted fully.
13. Replace connector TPA, engage connector lock, install dress cover, reconnect inline connector and reinstall connector onto clip/retention point.



14. Remove the ground bolt (1) and attach the ground ring terminal (2) to the existing ground terminal (3). Reinstall ground bolt (1) and tighten to **9 N.m (80 lb in)**.
15. Using the provided splice clips, make two one to one splices, one ground circuit coming from driver side jumper and another from passenger side jumper.
16. Secure rocker lamp harness with provided tie straps at area shown. Trim excess off tie straps.
17. Connect the 12 volt negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) in Vehicle Service Manual.

Note: Make sure to cover the light sensor and check that the illumination is turned on in the vehicle controls setting of the radio.

18. Lock and unlock doors by using the key fob to activate the rocker panel exterior illumination image.
19. Install the Front Trim Finish Compartment. Refer to [Front Trim Finish Compartment Removal and Installation](#) in Vehicle Service Manual.
20. Install the left and right front rear wheelhouse liners. Refer to [Front Wheelhouse Rear Liner Replacement](#) in Vehicle Service Manual.
21. Install the front wheel and tire assemblies. Refer to [Tire and Wheel Removal and Installation](#) in Vehicle Service Manual.